

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,162,102 B2
APPLICATION NO. : 10/025357
DATED : January 9, 2007
INVENTOR(S) : Cahill et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

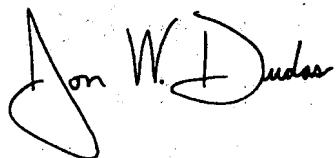
Delete Title page illustrating a figure(s), and substitute therefor, new Title page illustrating a figure(s). (attached)

Delete drawing sheet 1-10, and substitute therefor drawing sheet 1-10. (attached)

Claim 10, Column 21, Line 48	In Claim 10, after "ratio is" insert -- one of --.
Claim 19, Column 23, Line 1	In Claim 19, delete "5," and insert -- 18, --, therefor.
Claim 25, Column 24, Lines 33-39	In Claim 25, after "digital image" delete "and wherein the source digital images have pixel values that are linearly or logarithmically related to scene intensity and the step of providing source digital images further comprises applying a metric exposure transform to a source digital image such that the pixel values of the source digital image are changed by said transform and are linearly or logarithmically related to scene intensity".

Signed and Sealed this

Fourth Day of September, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office

(12) United States Patent
Cahill et al.(10) Patent No.: US 7,162,102 B2
(43) Date of Patent: Jan. 9, 2007(54) METHOD AND SYSTEM FOR
COMPOSING IMAGES TO PRODUCE A
CROPPED IMAGE2003/0040971 A1* 2/2003 Freedenberg et al. 705/26
2004/0071367 A1* 4/2004 Irazi et al. 382/284(75) Inventors: Nathan D. Cahill, West Henrietta, NY
(US); Lawrence A. Ray, Rochester, NY
(US)(73) Assignee: Eastman Kodak Company, Rochester,
NY (US)(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 610 days.

(21) Appl. No.: 10/025,357

(22) Filed: Dec. 19, 2001

(65) Prior Publication Data

US 2003/0113035 A1 Jun. 19, 2003

(51) Int. Cl.
G06K 9/36 (2006.01)

(52) U.S. Cl. 382/288; 382/284

(58) Field of Classification Search 382/284,
382/153, 294, 167, 159, 288; 348/441-459,
348/556; 396/436

See application file for complete search history.

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(Continued)

Primary Examiner—Daniel Miriam

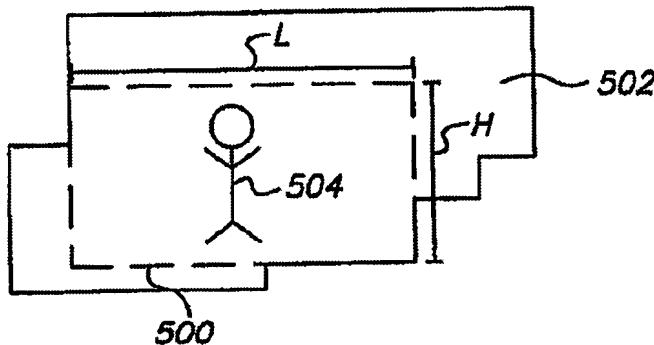
Assistant Examiner—Dennis Rosario

(74) Attorney, Agent, or Firm—Thomas H. Close

(57) ABSTRACT

A method for producing a cropped digital image, includes the steps of: providing a plurality of partially overlapping source digital images; providing a cropping aspect ratio L:H, the cropping aspect ratio being the ratio of the length to the height of the cropped digital image; providing a cropping criterion, the cropping criterion being a criterion for the size and location of the cropped digital image; combining the source digital images to form a composite digital image; selecting the cropping region of the composite digital image according to the cropping criterion, said cropping region being a rectangular region having aspect ratio L:H, and having size and location determined by the cropping criterion; and, cropping the composite digital image to the cropping region to form a cropped digital image.

25 Claims, 10 Drawing Sheets



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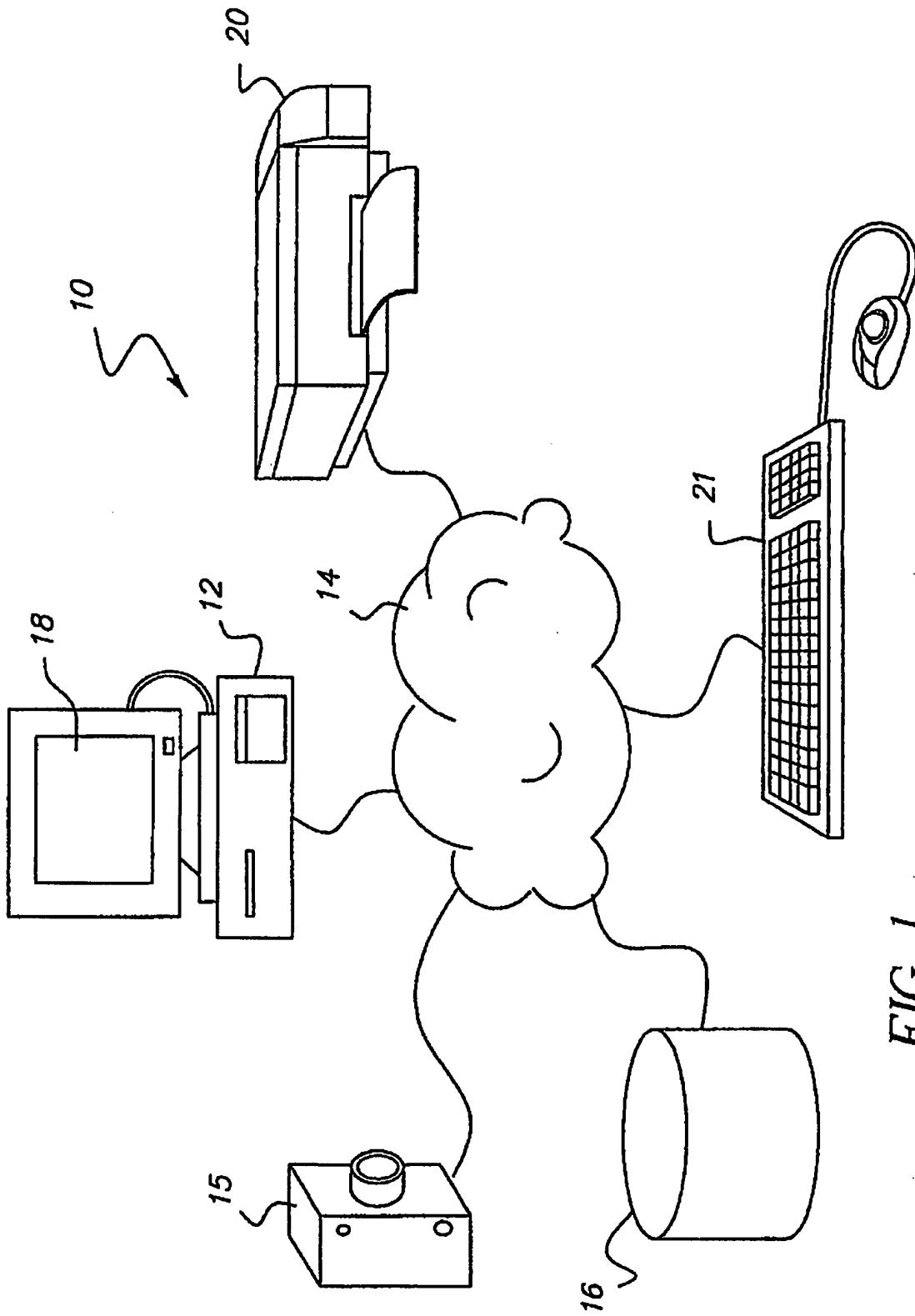


FIG. 1

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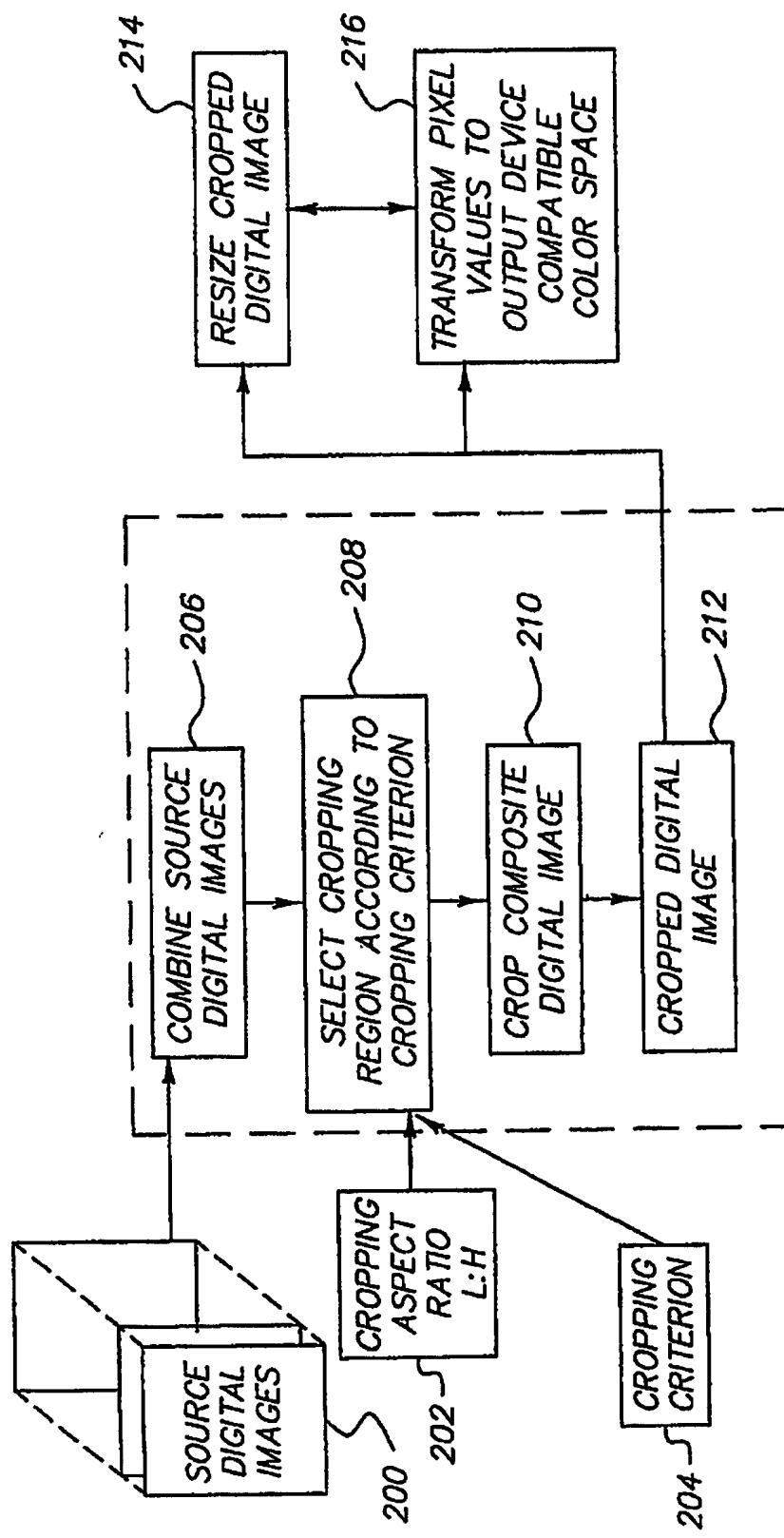


FIG. 2

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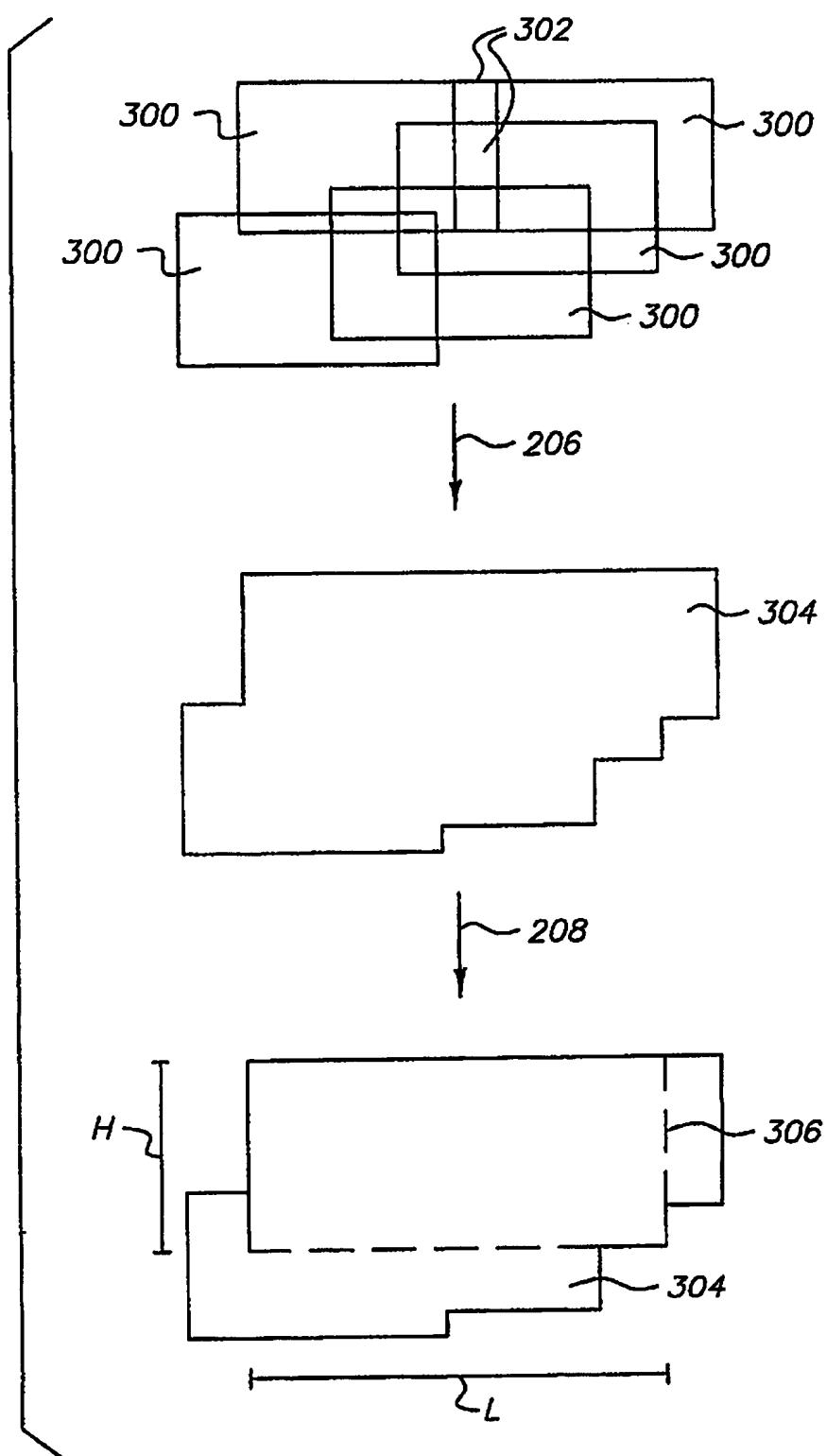


FIG. 3

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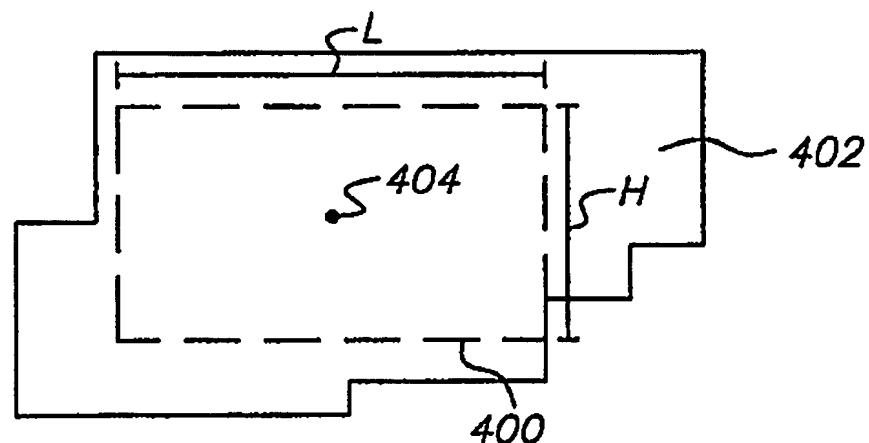


FIG. 4

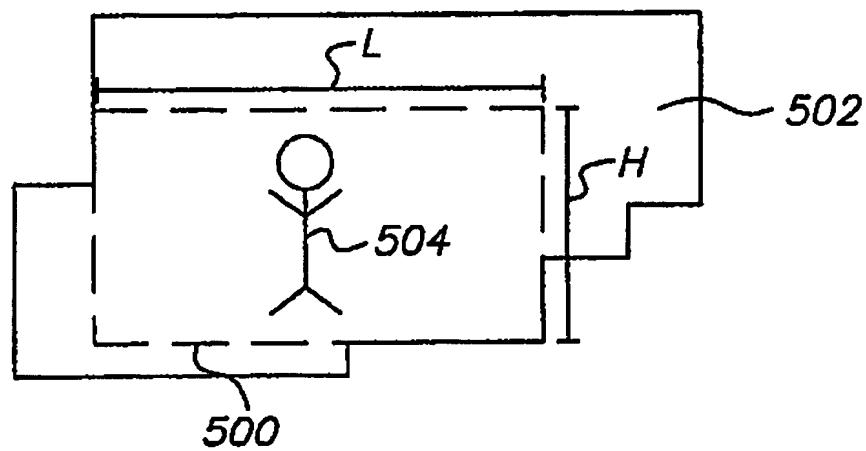


FIG. 5

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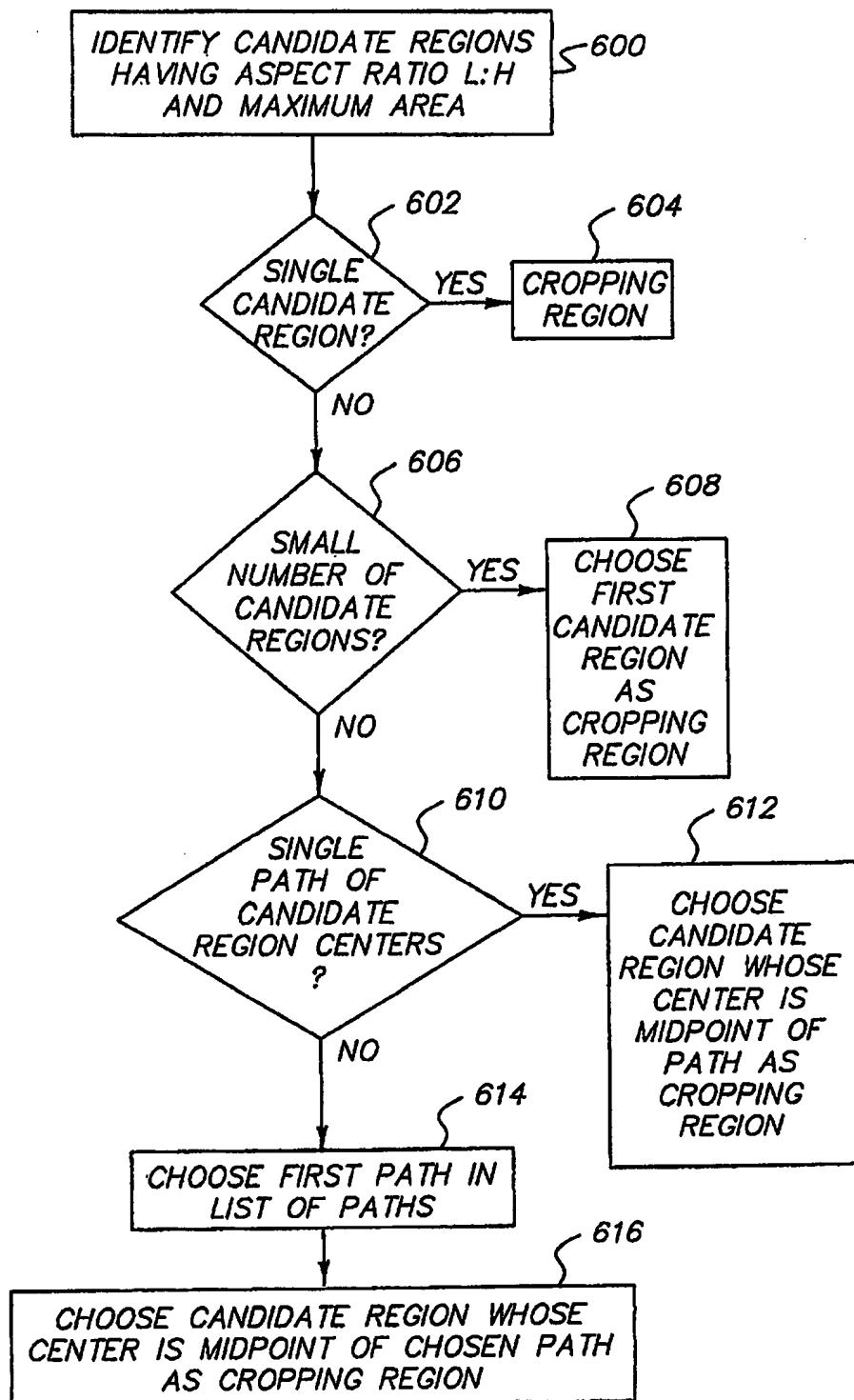


FIG. 6

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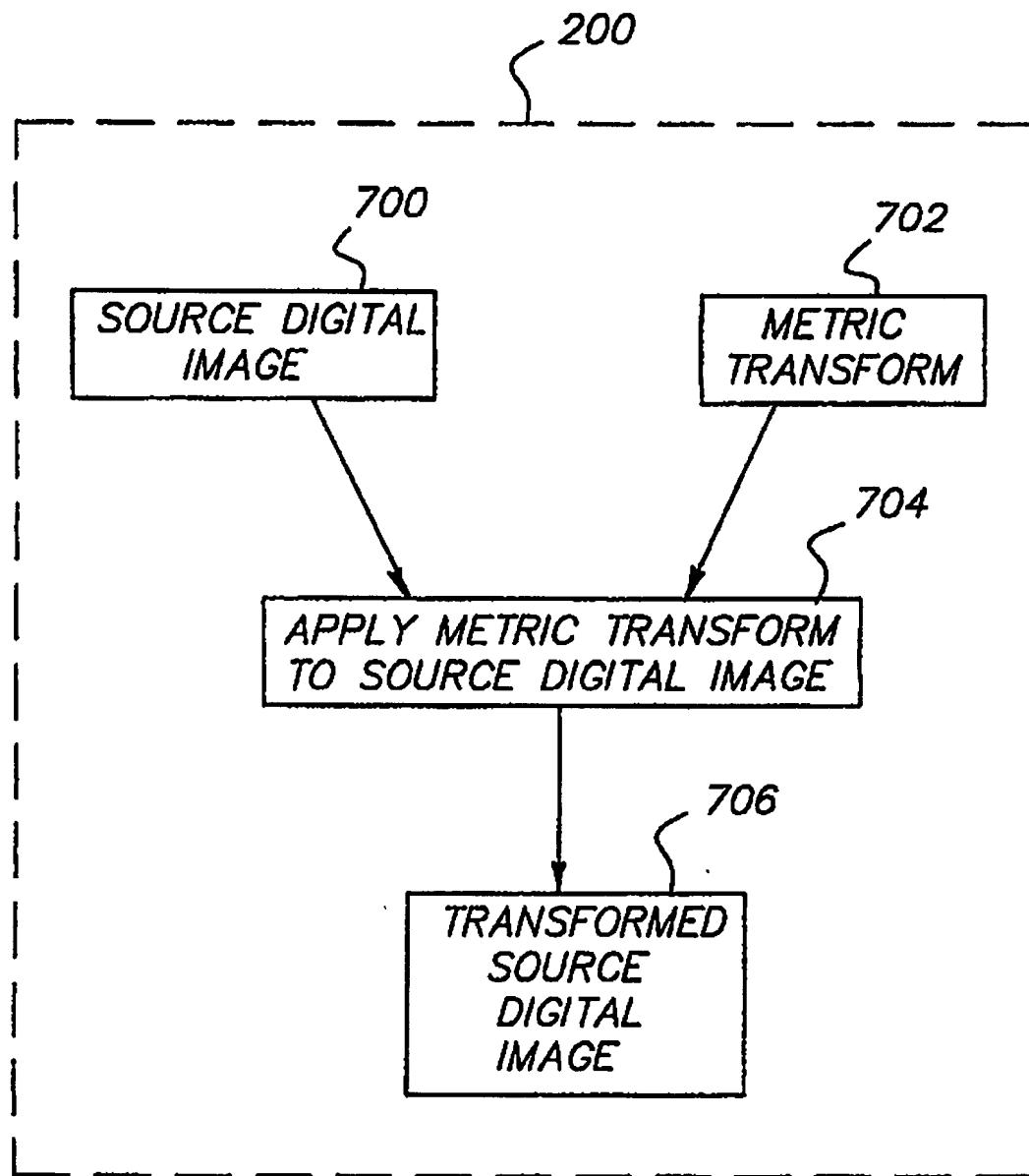


FIG. 7

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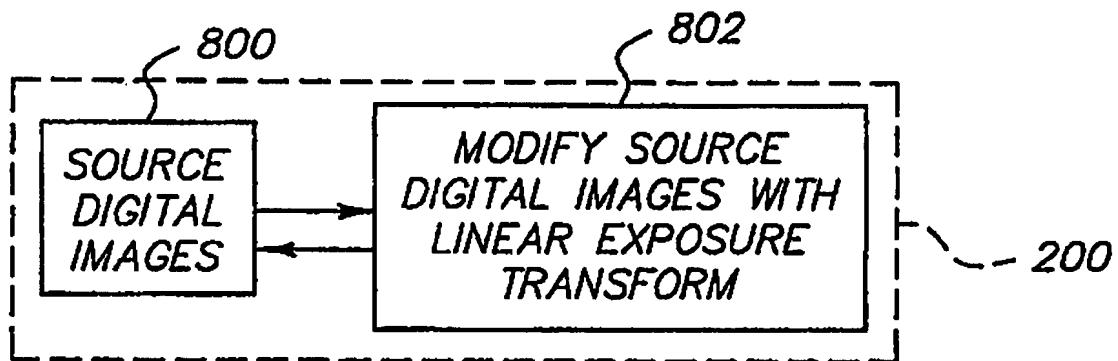


FIG. 8A

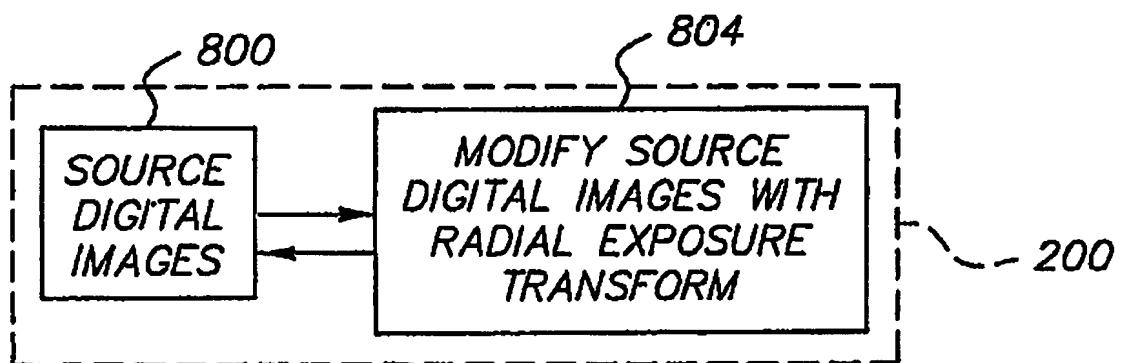


FIG. 8B

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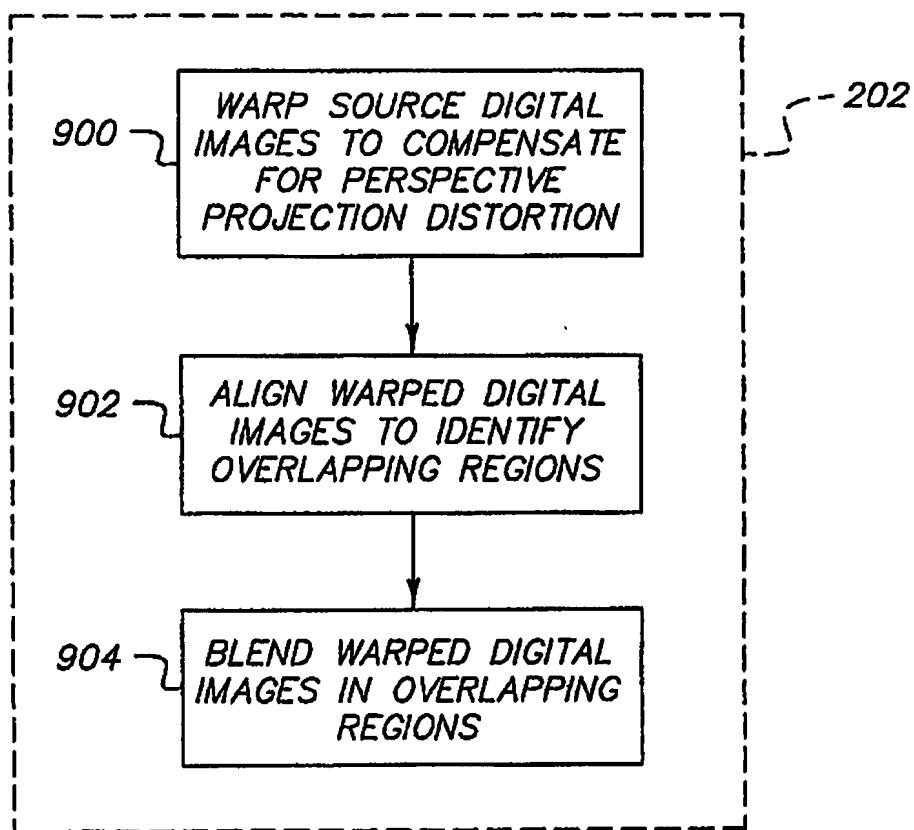


FIG. 9

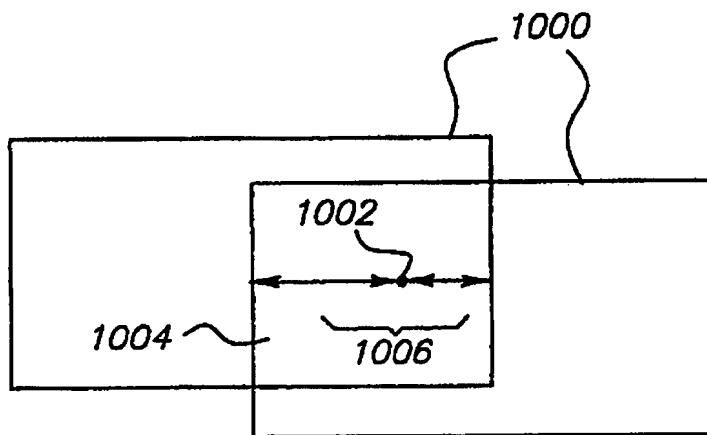


FIG. 10

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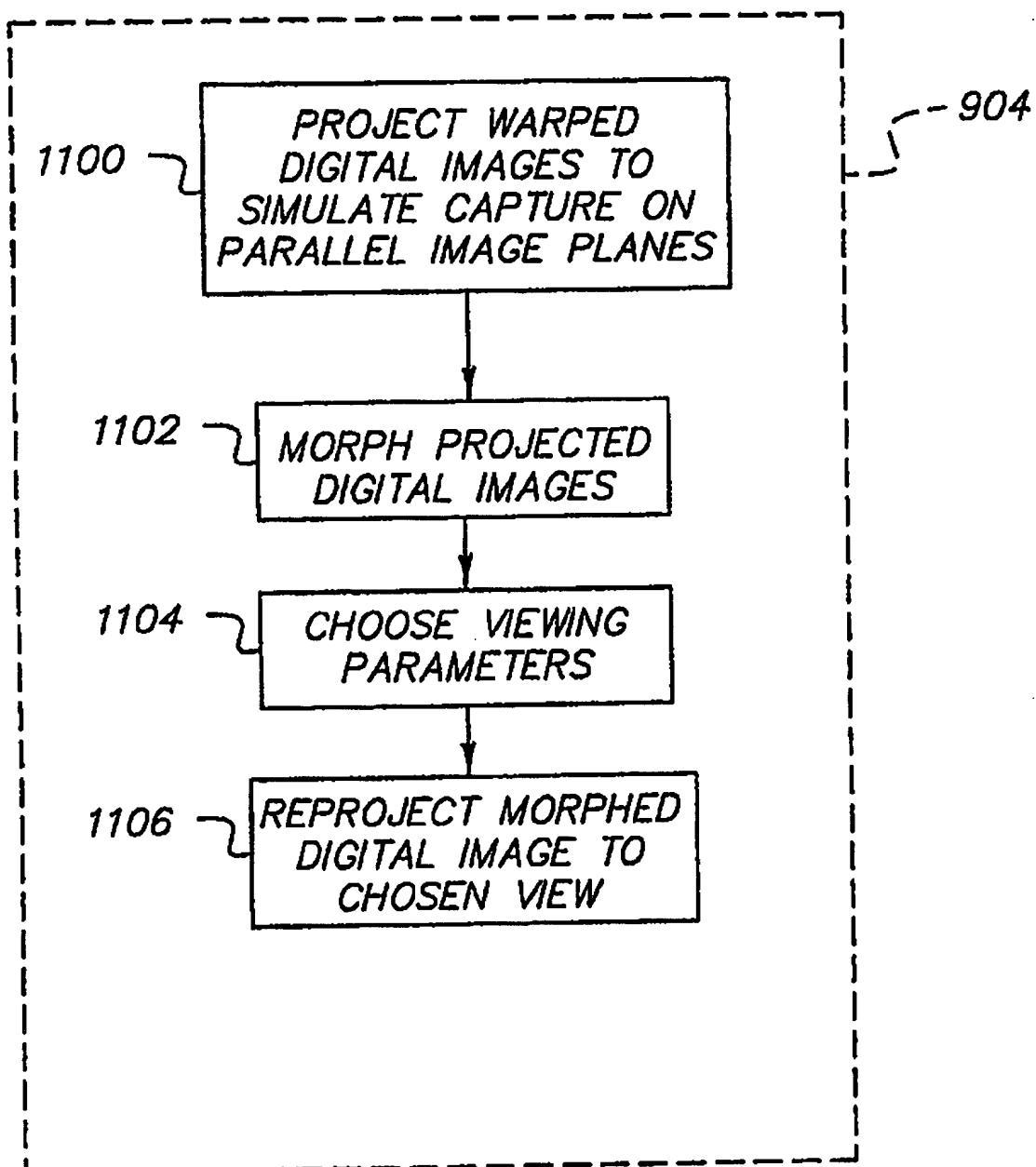


FIG. 11

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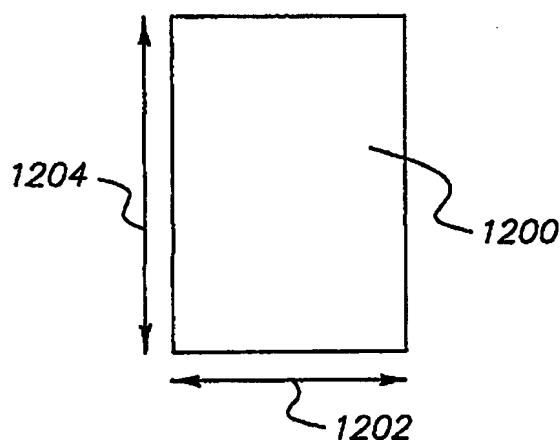


FIG. 12A

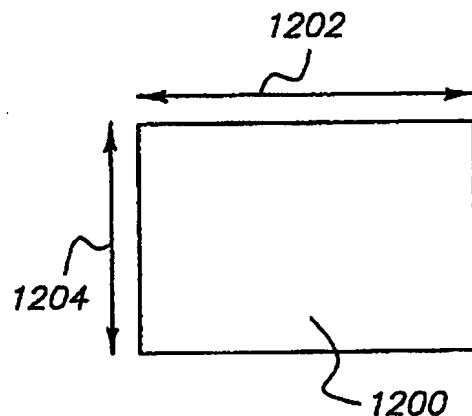


FIG. 12B

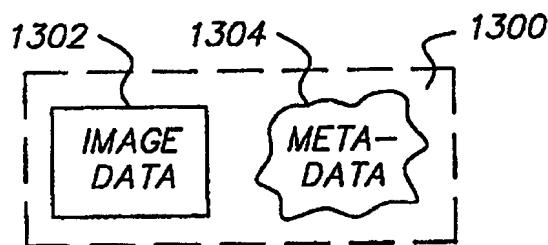


FIG. 13A

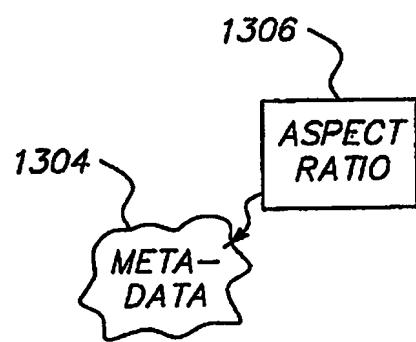


FIG. 13B